

## The scope of the claim

1. Supply chain linkage management system consists of; the transmission layer which transmits and receives transaction information exchanged among companies and organizations using the communications networks, such as the Internet; the business logic layer which performs check of the contents of a message information, and the management of a message flow / workflow based on operating process rule information, sales channel information, physical distribution information, etc., which are transmitted and received from the transmission layer; the linkage management layer which performs the tracking (tracing) of demand information and supply information, and of inventory transition, by linking the message information received from the business logic layer. The linkage management layer consists of; the linkage execution module to model the message information into "demand information", "supply information", "inventory information", and "production information"; the linkage logic module which processes the message information received from the business logic layer so that the data structure and the linkage rule of the linkage execution module may be suited and which passes to the linkage execution module; the demand and supply tracking module which creates tracking information based on linked information created by the linkage execution module.